

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. Las Cruces 029435 (55)																			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR Sinclair Oil & Gas Company				7. UNIT AGREEMENT NAME																			
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico				8. FARM OR LEASE NAME J. L. Keel "B" 1, 2																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' from South line and 1980' from East line At top prod. interval reported below At total depth as above				9. WELL NO. 27																			
14. PERMIT NO.				DATE ISSUED																			
15. DATE SPUDDED 10-3-64				16. DATE T.D. REACHED 10-22-64																			
17. DATE COMPL. (Ready to prod.) 11-9-64				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3725' GR																			
19. ELEV. CASINGHEAD				20. TOTAL DEPTH, MD & TVD 3725'																			
21. PLUG, BACK T.D., MD & TVD				22. IF MULTIPLE COMPL., HOW MANY* RECEIVED																			
23. INTERVALS DRILLED BY 0-3725'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3064-3724' Grayburg - Jackson																			
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Isotron																			
27. WAS WELL CORED Yes				28. CASING RECORD (Report all strings set in well)																			
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED													
8-5/8"		24#		560'		11"		370 Sks.															
5-1/2"		14#, 15.5# 17#		3725'		7-7/8"		325 Sks.															
29. LINER RECORD												30. TUBING RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)									
None										2-7/8"		3679'		None									
31. PERFORATION RECORD (Interval, size and number)												32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
3064-70', 3106-10', 3286-99', 3542-46', 3551-57', 3594-98', 3614-19', 3624-28', 3639-55', 3668-74', 3680-88', 3712-16', 3722-24' w/164 - 1/2" holes												DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 3712-24' 500 Gals. HDA 3668-88' 750 Gals. HDA 3639-55' 250 Gals. HDA 3614-19' 500 Gals. HDA 3551-57' 500 Gals. HDA 3542-46' 500 Gals. HDA 3286-99' 500 Gals. HDA 3106-10' 500 Gals. HDA 3064-70' 500 Gals. HDA											
33.* DATE FIRST PRODUCTION 10-29-64												PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1 1/2" x 12' Insert											
DATE OF TEST 11-9-64												HOURS TESTED 24											
CHOKE SIZE 2"												PROD'N. FOR TEST PERIOD 32											
OIL—BBL. 32												GAS—MCF. 13											
WATER—BBL. 13												WELL STATUS (Producing or shut-in) Producing											
FLOW. TUBING PRESS. -												CASING PRESSURE -											
CALCULATED 24-HOUR RATE 32												OIL—BBL. 32											
GAS—MCF. 13												WATER—BBL. 13											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold												35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records												SIGNED [Signature] TITLE District Superintendent DATE 11-12-64											

*(See Instructions and Spaces for Additional Data on Reverse Side)

Orig & 3cc: USGS, cc: NPS, cc: file

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
<u>Core #1</u> Grayburg	2980'	3056'	Dolomite and Anhydrite	Iates	1592'	1592'
<u>Core #2</u> Grayburg	3056'	3132'	Grayburg, scattered bleeding oil.	7 Rivers	1910'	1910'
<u>Core #3</u> Grayburg	3132'	3208'	Grayburg, scattered streaks bleeding oil.	Queens	2524'	2524'
<u>Core #4</u> Grayburg	3208'	3284'	Dense Dolomite, spots slightly bleeding oil.	Grayburg	2926'	2926'
<u>Core #5</u> Grayburg	3284'	3317'	Dense fractured Dolomite, spots bleeding oil.	San Andres	3240'	3240'
<u>Core #6</u> Grayburg	3317'	3363'	Dense fractured Dolomite, spots bleeding oil.			
<u>Core #7</u> Grayburg	3363'	3438'	Fractured Dolomite, scattered bleeding oil.			
<u>Core #8</u> Grayburg	3438'	3514'	Fractured Dolomite, scattered bleeding oil.			
<u>Core #9</u> Grayburg	3514'	3590'	Fractured Dolomite, scattered bleeding oil.			
<u>Core #10</u> Grayburg	3590'	3666'	Fractured Dolomite, lime & streaks of Anhy.			
<u>Core #11</u> Grayburg	3666'	3725'	Fractured Dolomite, bleeding oil.			